

recombinant 293T cells and recombinant Cos A2 cells (Table 3).

SEQ ID NO: 100 is the N terminal peptide sequence of a form of  $\beta$ -secretase isolated from recombinant 293T cells.

SEQ ID NO: 101 is the N terminal peptide sequence of a form of  $\beta$ -secretase isolated from recombinant 293T cells.

SEQ ID NO: 102 is the N terminal peptide sequence of a form of  $\beta$ -secretase isolated from recombinant CosA2 cells.--

At page 30, line 16, thereof, replace the sequence "ISFAVSACHVHDEFR" with the sequence --IGFAVSACHVHDEFR--.

At page 31, in the first entry of Table 3, after the term "ETDEEPEEPGR..." insert the parenthetical term --(SEQ ID NO: 99)--.

At page 31, in the second entry of Table 3, after the term "ETDEEPEEPGR..." insert the parenthetical term --(SEQ ID NO: 99)--.

At page 31, in the third entry of Table 3, after the term "TQHGI RL(P)LR..." insert the parenthetical term --(SEQ ID NO: 100)--.

At page 31, in the fourth entry of Table 3, after the term "MVDNLrGKS..." insert the parenthetical term --(SEQ ID NO: 101)--.

At page 31, in the fifth entry of Table 3, after the term "ETDEEPEEPGR..." insert the parenthetical term --(SEQ ID NO: 99)--.

At page 31, in the sixth entry of Table 3, after the term "GSFVEMVDNL..." insert the parenthetical term --(SEQ ID NO: 102)--.

At page 68, line 21 thereof, within the parenthetical and after the text reading "...Val-Lys-Met-Asp-Ala.." insert the phrase --; SEQ ID NO: 54--.

At page 68, line 22 thereof, within the parenthetical and after the text reading "...Val-Asn-Leu-Asp-Ala.." insert the phrase --; SEQ ID NO: 51--.

Please add the enclosed paper copy Sequence Listing (a total of 69 pages, sequentially numbered 1-69) to the specification in accordance with 37 C.F.R. §1.821(g).